**Similarity**

**Module 11 and 12**

**Module 11**

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| 4 | I can complete all level 3 objectives, as well as:* Use similarity in real world problems.
* Relate similarity (side lengths) to transformations
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| 3 | I can complete all of the level 2 objectives as well as:* Draw a dilation in a coordinate plane.
* Find missing parts of similar polygons (including triangles).
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| 2 | * I can identify scale factor and center of dilation
* I can identify 2 types of dilations: reduction and enlargement

I can identify properties of similar figures (congruent angles and side ratios)I can determine that figures are similar. For triangles use AA, SSS, SAS |
| 1 | **Level 1- Demonstrate some level 2 objectives or have some errors in understanding with significances.** \_\_\_  11.1, 11.3, and 11.4 With the help of the teacher, book and notes I can demonstrate knowledge about parallelograms. (Student must complete assigned homework)  |
| 0 | I cannot demonstrate knowledge associated with the standard. |

**Module 12:**

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| 4 | I can complete all level 3 objectives, as well as:* Apply Proportions in real world problems.
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| 3 | I can complete all of the level 2 objectives as well as:* Use the proportionality theorem to prove parallel lines (Converse)
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| 2 | * Use proportions to solve for missing sides.
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| 1 | **Level 1- Demonstrate some level 2 objectives or have some errors in understanding with significances.** \_\_\_  11.1, 11.3, and 11.4 With the help of the teacher, book and notes I can demonstrate knowledge about parallelograms. (Student must complete assigned homework)  |
| 0 | I cannot demonstrate knowledge associated with the standard. |